Field Installation and Usage Instructions
Part No. TMS-1685-03/TMS-2260-03/TMS-2322-03
Control Box Replacement

For All TMM3, TMM4 and TMM5 Chairs
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IMPORTANT NOTES ABOUT THIS MANUAL
This Field Installation and Usage Instruction document is designed to assist you with installation of the TransMotion Medical Product. Carefully read this document thoroughly before using the equipment or doing service/maintenance on it. If you are unable to understand the WARNINGS and CAUTIONS and instructions, contact TransMotion Medical customer service before attempting to operate or service the equipment otherwise injury or damage may result.

To assure safe operation of this device, it is essential that methods and procedures be established for educating and training staff on the safe and effective operation of the product.

TransMotion Medical reserves the right to change specifications without notice.

The information contained in this document is subject to change without notice.

Specifications listed are nominal and may vary slightly from unit to unit due to tolerance variations or power supply variations.

Photographs and illustrations contained within this document may not depict exactly the model you have. This document can cover many closely related models.

SPECIAL NOTES - SIGNAL WORDS
Signal words are used in this manual and apply to hazards which could result in injury or property damage. The following is a definition of those signal words as used in this document:

⚠️ DANGER
Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices or potential property damage hazards.

⚠️ NOTICE
Provides important information, makes special instructions clearer, or provides service personnel information to make maintenance easier.
TOOLS REQUIRED

The tools needed to replace the Control Box are as follows:
3/8" Wrench or 3/8" Nut Driver
5/16" Wrench, Flat Head Screwdriver,
Masking tape (recommended)
Marking device (Pen / marker)

PARTS INCLUDED IN TMS-1685-03/TMS-2260-03/TMS-2322-03

Verify that you have all the parts listed. If not, contact TMM Service at 1-800-237-3377.
(1) Control Box (Part Number dependent on chair model)
(1) Piece of Velcro

PREPARING CHAIR FOR CONTROL BOX REPLACEMENT

Use Pendant Control to raise Leg Section to full upright position and chair to extended height.

⚠️ NOTICE
If Pendant is not functioning, O2 holder located under seat of non-X series chairs may be removed to create additional space for lifting base cover.
Lock casters by positioning them as shown.

**Non-X series chairs** - Lift up base cover to expose control box.
**X-Series Chairs** – Remove Large portion of cover

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**REMOVING OLD CONTROL BOX**

Unlock the control box cover with screwdriver by rotating the mechanism on top clockwise and allow to “pop” up.

Remove the Cover by sliding it toward the front of the chair then lifting it up.
Using masking tape and marking device, label the cables according to the ports they are plugged into.

Ports at end of control box are labeled as shown.

Once cables have been labeled, unplug them from the control box.

Using 5/16” wrench or screwdriver on bolt and 3/8” wrench on nut (under cover), remove the bolts holding the control box to the sheet metal piece.

⚠️ NOTICE
Some control boxes have multiple areas for mounting. Make note of which holes are being used for mounting the old control box before removing it.

Remove the control box from the chair.
INSTALLING NEW CONTROL BOX

Position the new control box in the chair aligning the mounting holes in the control box with the mounting holes used for the old control box.

Install bolts and nuts using the 3/8” and 5/16” wrenches. Note: there may be 3 or 4 fastener sets depending on chair model.

⚠️ NOTICE
Do not over tighten nuts. Over-tightening could cause plastic on control box to crack.
Plug Cables into appropriate ports on control box.

⚠️ **NOTICE**

Columns with only (1) cable will utilize only port #1 on control box. (Port #2 will be left empty)

Columns with (2) cables will utilize ports #1 and #2 on the control box.
Replace cover on the control box by first pushing cover down on control box then sliding into place.

Test the control box by activating all of the available functions using the pendant.

Lock control box cover by pushing down on locking screw then rotate counterclockwise 90°

**NOTICE**
Depending on the model of chair, some control boxes have a small piece of Velcro applied to the cover. If the old control box has a piece of Velcro, Apply the Velcro (supplied) to the cover in the same position as the old piece of Velcro.

Replace the cover on the chair base

Position chair as desired and place it back into service.
# CLEANING INSTRUCTIONS

**CAUTION**
STEAM AND/OR PRESSURE CLEANING CHAIR WILL VOID WARRANTY

<table>
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<tr>
<th>COMPONENT</th>
<th>FREQUENCY</th>
<th>PROCEDURE</th>
<th>CLEANING AGENT *</th>
<th>COMMENT</th>
</tr>
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<tbody>
<tr>
<td>All Rails and Painted Metal</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for chipped paint/chrome</td>
</tr>
<tr>
<td>Base Cover</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for peeling or missing labels</td>
</tr>
<tr>
<td>Actuators and Battery Pack</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Clean exterior surfaces only with minimal water</td>
</tr>
<tr>
<td>Pendants</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Clean exterior surfaces only with minimal water</td>
</tr>
<tr>
<td>All Other Surfaces</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for damage</td>
</tr>
<tr>
<td>TransMotion Medical Accessories</td>
<td>As required/in accordance with facility policies</td>
<td>Wipe with damp cloth and allow to air dry</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for damage</td>
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<tr>
<td>3rd Party Accessories</td>
<td>As required/in accordance with facility policies</td>
<td>Consult manual provided by accessory manufacturer.</td>
<td>Facility approved detergents, disinfectants &amp; water</td>
<td>Check for damage</td>
</tr>
</tbody>
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* Use of Facility approved detergents and disinfectants must comply with the instructions provided by the manufacturer(s) of those products.
Upholstery Care & Cleaning Instructions

Proper care is essential in ensuring the durability and reliability of TransMotion Medical upholstery. In general, all products should be:

1. Cleaned
2. Disinfected (in accordance with facility policy)
3. Rinsed
4. Allowed to air dry

It is important to note that the terms “disinfecting” and “cleaning” should not be used interchangeably. Disinfectants alone will not provide adequate cleaning since they do not have the appropriate properties to cut grease or oil and remove grime, hair or skin oils. The appearance, feel and performance of your upholstery may diminish if not cleaned properly.

Cleaning:

Remove hair, grime and body oils. Your upholstery should be cleaned on a regular basis with a damp cloth soaked in a mild soap and water solution. Avoid harsh detergents or chemicals that could damage the finish of your product. If disinfecting with manufacturer approved chemicals or bleach, the upholstery MUST be wiped off using clean water on a damp cloth and allowed to air-dry as a final step. Failure to rinse upholstery with clean water can result in a build-up of residues that, over time, may lead to drying, cracking or other undesirable changes to appearance, feel and performance.

Retain all instructional tags for future use.

Contact the manufacturer of the fabric used in your upholstery for a current list of approved disinfectants. TransMotion Medical Customer Care can assist with identifying which upholstery was used with your Stretcher-Chair.

For customer supplied and non-standard materials, please refer to the individual manufacturer’s cleaning instructions.